

Special Issue

Latest Advances in Nuclear Energy Systems

Message from the Guest Editor

We are pleased to offer you the opportunity to publish your original research paper in the journal *Energies*, Special Issue: “Latest Advances in Nuclear Energy Systems”. This Special Issue aims to identify recent advances in nuclear technology that are necessary to realize the full potential of nuclear energy. Some of the key topics of interest to this Special Issue include advances in multiphysics simulation and associated numerical methods, digital twinning applications for condition monitoring, autonomous control, intrusion detection, methods to support validation of first-of-a-kind reactor systems with limited experimental data, advanced methods for machine learning, artificial intelligence, and statistical inference, strategies and algorithms to improve the economy of existing reactors and optimize design of new reactors, application of nuclear technology for both electricity and heat process applications, etc.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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